

WHY Feynman's Positron Time Reversal Proposal in 1949 is WRONG AND THE TIME REVERSAL & TRAVEL MYTHS are *FINALLY CLEARED UP* by SCOTT MATHESON HITCHCOCKS THEORY OF TIME

SCOTT'S NEW THEORY OF TIME: WHERE TIME IS COMPUTED FROM INFORMATION EXTRACTED AND PROCESSED FROM SIGNALS BY A **SYSTEM** COMPOSED OF CAUSAL NETWORKS, FEYNMAN CLOCKS [AS NODES IN THE CAUSAL NETWORKS], STANDARD CLOCKS [FOR CALIBRATION], AND THE BRAINS T-COMPUTER.

➡➡➡➡ A **SYSTEMS APPROACH** GIVES US THE SOLUTION TO THE PROBLEM OF TIME:

FOR **SIMPLE SYSTEMS**, ACCORDING TO THE PRINCIPLE OF OCCAM'S RAZOR THE SIMPLEST EXPLANATION FOR OBSERVED BEHAVIORS IS THE BEST CHOICE. BUT FOR **COMPLEX SYSTEMS**, A **SYSTEMS APPROACH** IS NECESSARY FOR UNDERSTANDING THE OBSERVED PHENOMENA. CLEARLY SIMPLE EXPLANATIONS ABOUT THE FUNDAMENTAL NATURE OF TIME ARE NOT ADEQUATE, THIS IS WHY SCOTT REALIZED THAT TO UNDERSTAND THE NATURE OF TIME HIS SYSTEMS APPROACH WORKS TO CLARIFY ISSUES ABOUT THE FUNDAMENTAL PHYSICS AND NATURE OF TIME.



THIS PAPER IS THE PRIMARY SOURCE OF THE **MYTHS** OF TIME SYMMETRY, TIME REVERSAL AND TIME TRAVEL THAT PERSIST IN THE SCIENCE AND SCI-FI WORLDS

## Time Reversal and The Theory of Positrons

By Scott Matheson Hitchcock

THE ORIGINAL PAPER\* [Phys. Rev. 76, 749 - Published 15 September 1949] BY **RICHARD P. FEYNMAN** IS SHOWN TO BE **INCORRECT** WHERE TIME AND ITS DIRECTION ARE CONCERNED. See the figure below from Feynman's paper. IN THE CAPTION FOR THIS FIGURE, THE LAST LINE STATES THE CONCLUSION THAT "electrons traveling backwards in time are recognized as positrons". This is an **INCORRECT** artifact due to the a-priori ASSUMPTION that time is a dimension and a component of space-time and more importantly that time is reversible.

Time symmetry does not exist.

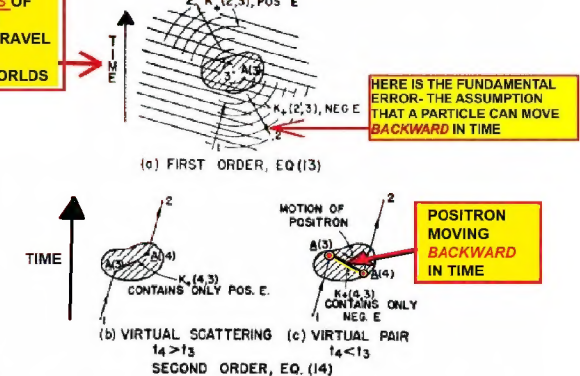


FIG. 2. The Dirac equation permits another solution  $K_+(2, 1)$  if one considers that waves scattered by the potential can proceed backwards in time as in Fig. 2 (a). This is interpreted in the second order processes (b), (c), by noting that there is now the possibility (c) of virtual pair production at 4, the positron going to 3 to be annihilated. This can be pictured as similar to ordinary scattering (b) except that the electron is scattered backwards in time from 3 to 4. The waves scattered from 3 to 2' in (a) represent the possibility of a positron arriving at 3 from 2' and annihilating the electron from 1. This view is proved equivalent to hole theory: electrons traveling backwards in time are recognized as positrons.